

PROTECH LAB CORP.

Materials Testing Services

147 Island Dr, Hilton Head Island, SC 29926 843-682-2772

Source: Kermetico	Date Received: 4/22/15	Protech Lab #: 15-0338-2
Requestor: Verstak, Andrew	Coating: Aluminum	Job #: Not Provided
Customer P.O.#: 2015-2654	Powder: H50	Gun: AK05-AL
Quantity Provided: 1 Panel	Spray Date: Not Provided	Cell/Booth #: Not Provided

Additional Data:	Sample ID: Aluminum_1183-2
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Coating Material Spec.: Not Provided	Coating Vendor: Not Provided	Coating Lot #: Not Provided
Protech Polishing Procedure: PLC-Soft	Mount Identification: 15-0338-2	1183-2

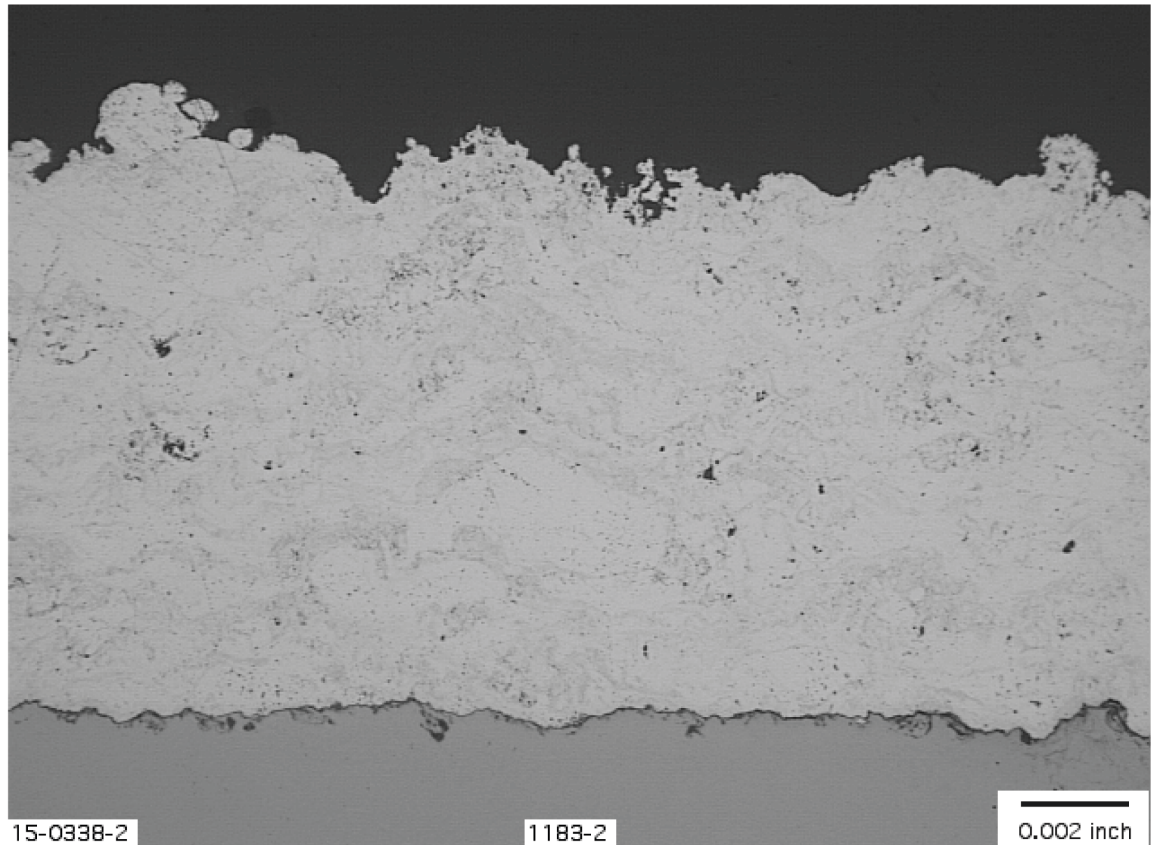
Microstructure Evaluation

Requirements	Characteristics	Found	Accept/Reject	Comments:
COATING MICROSTRUCTURE				
Not Provided	Porosity	< 1%	For Info Only	See Additional Comments
Not Provided	Oxide Content	< 1%	For Info Only	
Not Provided	Unmelted Particles	None Found	For Info Only	
Not Provided	Cracks/Delaminations		For Info Only	
Not Provided	Interface Contamination	< 1%	For Info Only	Calculated via Filar Count

Additional Comments:	ASTM E2109-01(2007) was used as a comparison for determination of porosity percentage. Coating delaminations found at panel edges, see photo.
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MICROSTRUCTURE EVALUATION FOR INFORMATION ONLY

Average Coating Thickness
9.7 mils



Laboratory Signature: _____

Date: 4/24/15

Reviewed By: _____

Date: 4/24/15